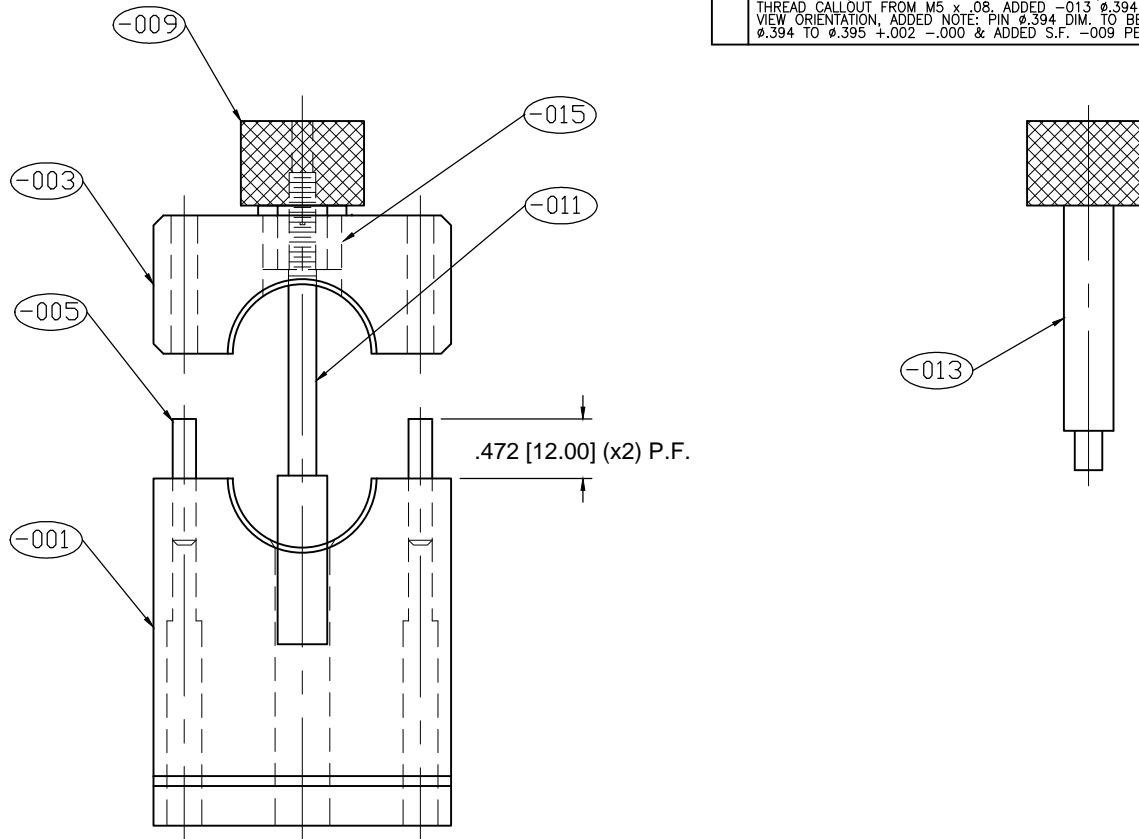


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
2	DESIGN CHANGES MADE FROM CUSTOMER DWG. 13502-1-023 REV IR 12/23/08.	8/24/09	RJC
3	CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.	11/10/09	RJC
4	CH'D -9 .394 TOLERANCE FROM +.000-.002, ADDED MISSING .165 DIM., CORRECTED VIEW ORIENTATION, CORRECTED THREAD CALLOUT FROM M5 x .08, ADDED -.011 .394 TOLERANCE +.000 -.003, ADDED DEPTH .020 TO .039 SLOT, ADDED MISSING .220 DIM., CORRECTED THREAD CALLOUT FROM M5 x .08, ADDED -.013 .394 TOLERANCE +.000 -.003, CORRECTED VIEW ORIENTATION, ADDED NOTE: PIN .394 DIM. TO BE MET AFTER HEAT TREAT. CH'D -.015 .394 TO .395 +.002 -.000 & ADDED S.F. -.009 PER G.E.	3/7/12	RJC GE



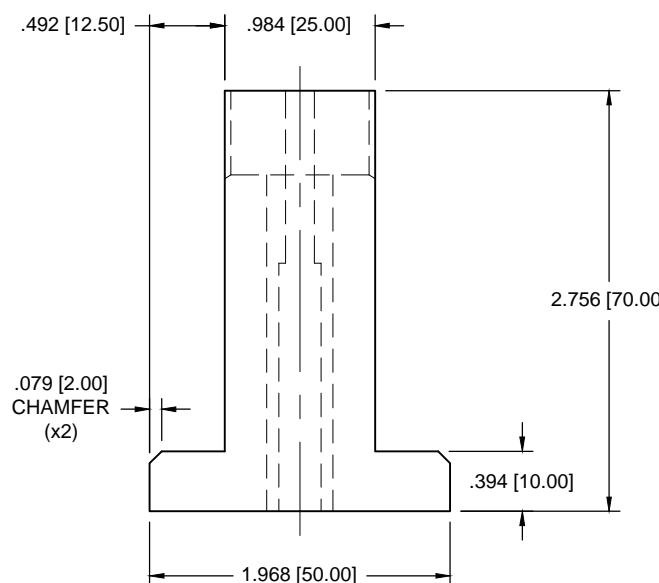
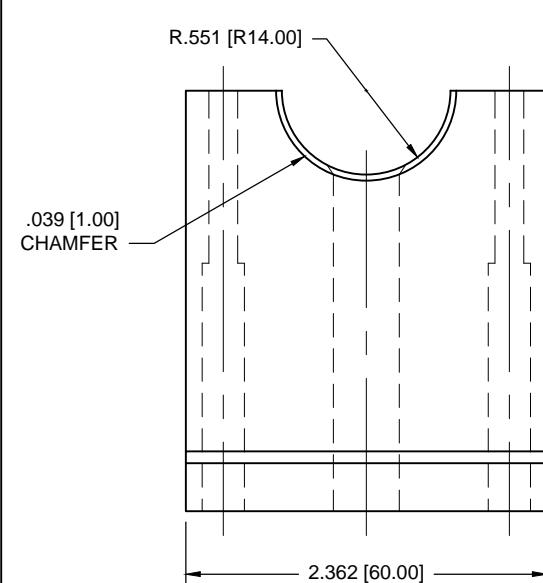
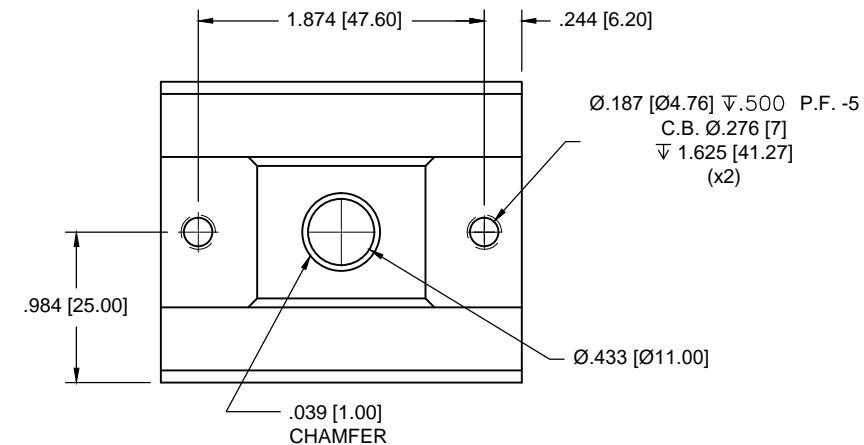
ASSEMBLY

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-001	1	BASE	1018	2.5 x 2.5 x 4.25 (MAKES BOTH P/N -001 & -003)	2
			-003	1	TOP	1018	SEE P/N-001 INFORMATION	3
		B/O	-005	2	HOLDING PIN	-	Ø3/16 x 1.0 (DOWEL PIN)	1
			-009	1	KNOB	4140 Q&T	Ø1 x 1-5/16	4
			-011	1	KNOB PIN	01	Ø1/2 x 3-1/2	5
			-013	1	ONE PIECE PIN	01	Ø1 x 3	6
		B/O	-015	1	BUSHING	-	Ø5/8 O.D. x Ø.394 I.D. x .594 MSC #91187690 NEEDS MODIFIED	7
ASSY #								

RB RED BARN MACHINE	
TITLE RBE13502-1-023	
DWG NO. LONG SHAFT PIN REPLACEMENT TOOL	REV 4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: CLOUGH APPROVED: <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH
SPEC	SPEC
USED ON MODEL	AW135
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R. 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 8/24/09
	SHEET 1 of 7

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV		DESCRIPTION		DATE	INITIAL	APPROVED
3		CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.		11/10/09	RJC	



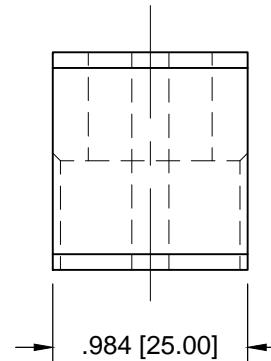
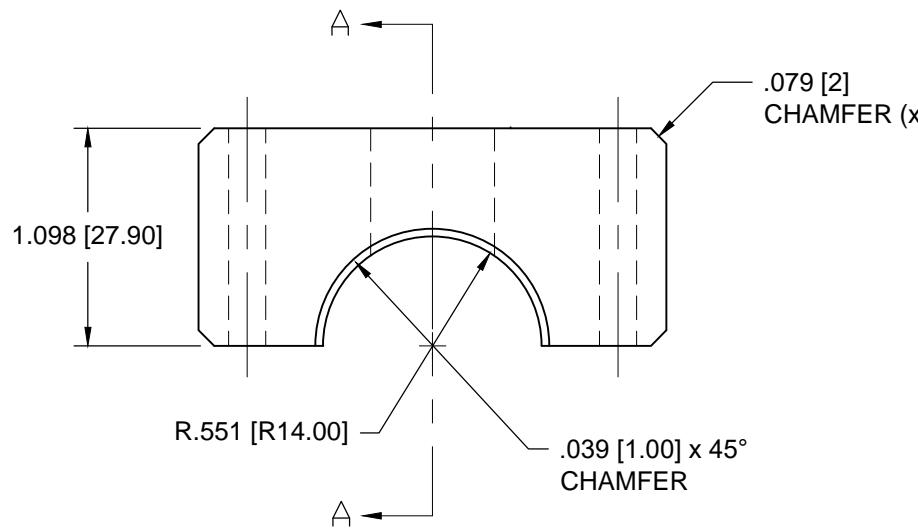
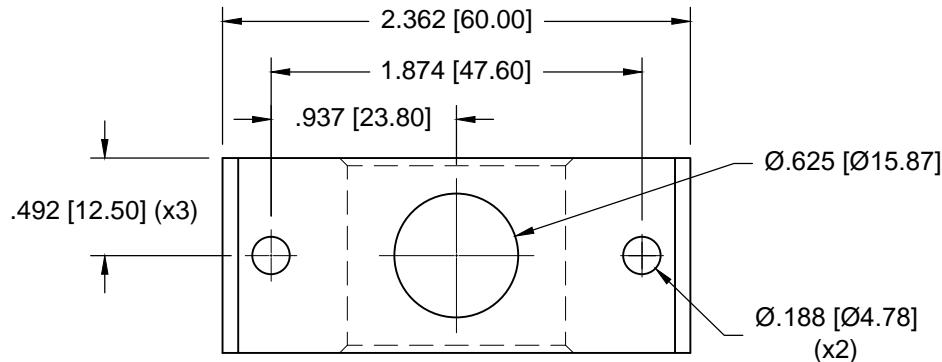
-001

BASE

RB RED BARN MACHINE	
TITLE RBE13502-1-023-001	
DWG NO. LONG SHAFT PIN REPLACEMENT TOOL	
REV 4	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX .01 ANGLES ± .5° .X .1	
DRAWN BY: CLOUGH APPROVED <i>D. Weil</i> HEAT TREAT FINISH NICKLE PLATE SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R. 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	NTS
DATE	8/24/09
SHEET	2 of 7

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV	DESCRIPTION	REVISIONS		
		DATE	INITIAL	APPROVED
3	CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.	11/10/09	RJC	



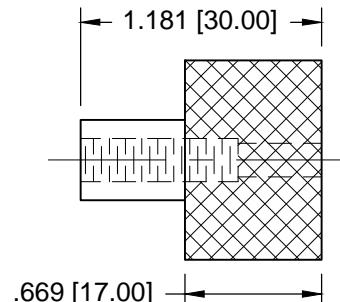
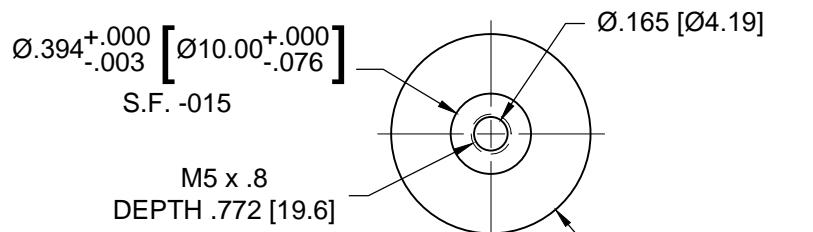
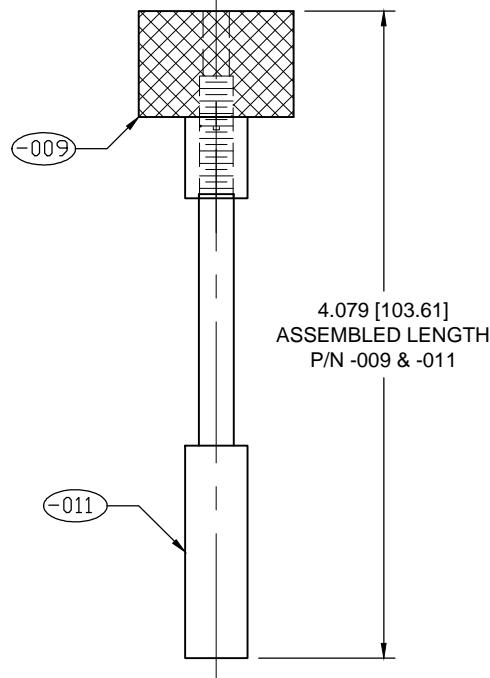
(-003)

TOP

 RED BARN MACHINE	
TITLE RBE13502-1-023-003	
DWG NO.	LONG SHAFT PIN REPLACEMENT TOOL
	REV 4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED <i>D. Well</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT
	FINISH NICKLE PLATE
SPEC	USED ON MODEL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R	AW135
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 8/24/09
	SHEET 3 of 7

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV	DESCRIPTION	REVISIONS	
		DATE	INITIAL
3	CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.	11/10/09	RJC
4	CH'D -9 Ø.394 TOLERANCE FROM +.000-.002, ADDED MISSING Ø.165 DIM., CORRECTED VIEW ORIENTATION, CORRECTED THREAD CALLOUT FROM M5 x .08 PER G.E.	3/7/12	RJC GE

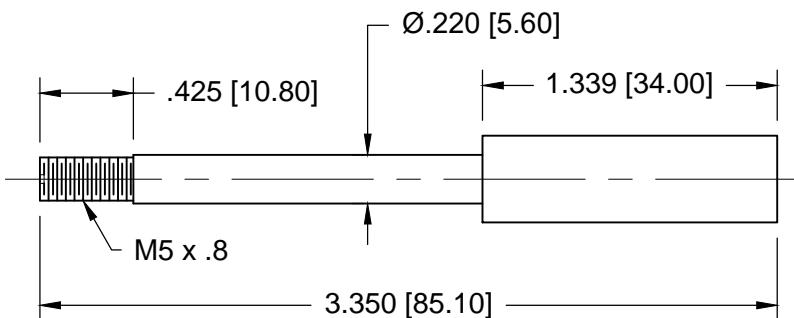
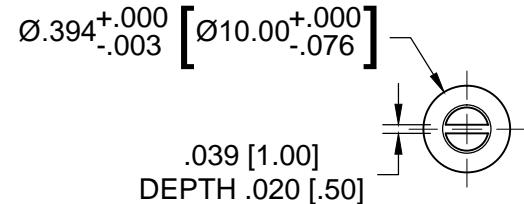


(-009)
KNOB

RED BARN MACHINE	
TITLE RBE13502-1-023-009	
DWG NO.	LONG SHAFT PIN REPLACEMENT TOOL
REV 4	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
DRAWN BY: CLOUGH APPROVED <i>D. Weil</i>	
HEAT TREAT	
FINISH NICKLE PLATE	
SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R. 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL AW135	
SCALE NTS	DATE 8/24/09
SHEET 4 of 7	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV	DESCRIPTION	REVISIONS		
		DATE	INITIAL	APPROVED
3	CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.	11/10/09	RJC	
4	ADDED -.011 Ø.394 TOLERANCE +.000 -.003, ADDED DEPTH .020 TO .039 SLOT, ADDED MISSING .220 DIM., CORRECTED THREAD CALLOUT FROM M5 x .08 PER G.E.	3/7/12	RJC	GE



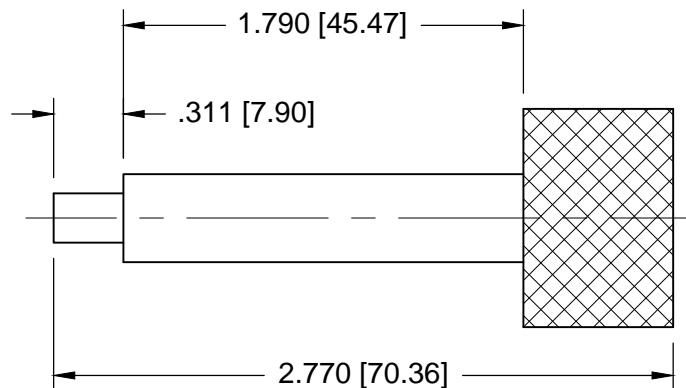
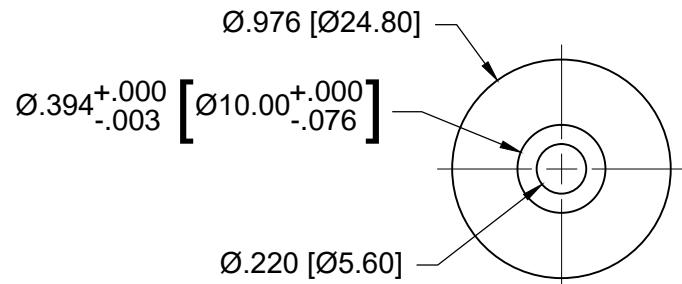
-011

KNOB PIN
42-47 RC

 RED BARN MACHINE	
TITLE RBE13502-1-023-011	
DWG NO.	LONG SHAFT PIN REPLACEMENT TOOL
REV	4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5°	
DRAWN BY: CLOUGH APPROVED 	
HEAT TREAT RC 42-47 FINISH NICKLE PLATE	
SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL AW135	
SCALE NTS	DATE 8/24/09
SHEET 5 of 7	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV	DESCRIPTION	REVISIONS		
		DATE	INITIAL	APPROVED
3	CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.	11/10/09	RJC	
4	ADDED -.013 Ø.394 TOLERANCE +.000 -.003, CORRECTED VIEW ORIENTATION, ADDED NOTE: PIN Ø.394 DIM. TO BE MET AFTER HEAT TREAT PER G.E.	3/7/12	RJC	GE



NOTE:

PIN Ø.394 DIMENSION TO
BE MET AFTER HEAT TREAT.

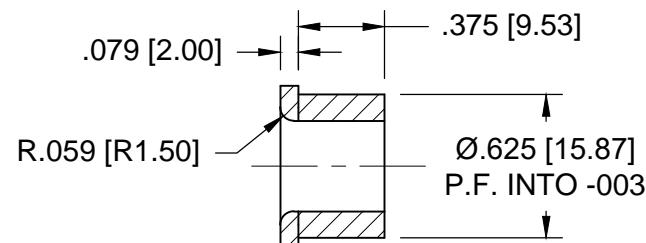
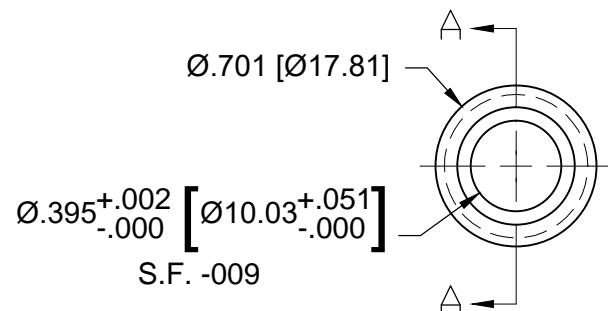
(-013)

ONE PIECE PIN

 RED BARN MACHINE	
TITLE RBE13502-1-023-013	
DWG NO.	LONG SHAFT PIN REPLACEMENT TOOL
REV	4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5°	
HEAT TREAT RC 42-47 FINISH NICKLE PLATE SPEC	
USED ON MODEL AW135	
SCALE	NTS
DATE	8/24/09
SHEET	6 of 7

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV	DESCRIPTION	REVISIONS		
		DATE	INITIAL	APPROVED
3	CH'D SPECS P/N-15, ADDED P.F. CH'D HOLE DIA. FROM .188 & CHAMFER FROM .059 P/N-001, DELETED P/N-15 FROM P/N-003, CH'D CHAMFER FROM .059 P/N-003, ADDED LIMITS TO .394 DIA. CH'D HOLE DIM P/N-009 & PIN THREAD P/N-011 TO M5x.08 PER G.E.	11/10/09	RJC	
4	CH'D -015 .394 TO .395 +.002 -.000 & ADDED S.F. -009 PER G.E.	3/7/12	RJC	GE



SECTION A-A

(-015)

BUSHING

RED BARN MACHINE	
TITLE RBE13502-1-023-015	
DWG NO.	LONG SHAFT PIN REPLACEMENT TOOL
REV	4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5°	
HEAT TREAT RC 42-47 FINISH NICKLE PLATE SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	NTS
DATE	8/24/09
SHEET	7 of 7